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Substitute for Form 1449A/PTO

(use as many sheets as necessary)

Sheet 2 of 4

Complete if Known

Application Number	09/546,312
Filing Date	April 10, 2000
First Named Inventor	Robert Barry Wood
Group Art Unit	1726
Examiner Name	Bataille, Pierre Miche
Attorney Docket Number	99-089-TAP / STK 99089 PUS

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ²	Number ⁴	Kind Code ³ (if known)				
PB		✓ JP	53-98741		Nippon Electric	08-29-1978		
PB		✓ JP	55-153058		Fujitsu Limited	11-28-1980		
PB		✓ JP	55-164958		Memorex Corp.	12-23-1980		
PB		✓ JP	4-48250			08-06-1992		
PB		✓ JP	53-84632			07-26-1978		
PB		✓ JP	52-106641			09-07-1977		
PB		✓ JP	53-108747		Honeywell Inf. Sys	09-21-1978		
PB		✓ JP	53-022331		Fujitsu Electric	03-01-1978		

Examiner Signature		Date Considered	8/4/04
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Substitute for Form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/546,312	
			Filing Date	April 10, 2000	
			First Named Inventor	Robert Barry Wood	
			Group Art Unit	2186	
			Examiner Name	Bataille, Pierre Miche	
Sheet	3	of	4	Attorney Docket Number	99-089-TAP (STK 99089 PUS)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PB	✓	Plaintiffs' Notice Pursuant to 35 U.S.C. § 282, Sutmyn Storage Corp et al. v. Storage Technology Corp., Civil Action Nos. C97 20105 RMW (EAI) and C97 20629 RMW (EAI)	
PB	✓	Protest Of Reissue Application Under 37 C.F.R. § 1.291, In re application of: Application No. 08/934,732, filed: September 22, 1977; For: VIRTUAL STORAGE SYSTEM AND METHOD	
PB	✓	USPTO - In re application of Application No.: 08/934,732, Filed: September 22, 1997 For: Virtual Storage System and Method - Information Disclosure Statement and PTO Form 1449 accompanying Protest Of Reissue Application Under 37 C.F.R. § 1.291, dated 7/19/99	
PB	✓	Sutmyn Storage Corporation, et al. v. Storage Technology Corporation and Storage Technology Corporation v. Sutmyn Storage Distribution Co., C97-20105 RMW, C97 20629 RMW, Findings of Fact and Conclusion of Law, dated March 18, 2003.	
PB	✓	Boggs, J.K. Jr., "Virtual Input/Output Channels for a Digital Computer," IBM Technical Disclosure Bulletin, vol. 20; No. 1, June 1977, pp. 110-112. (Partial. All available information provided.)	
PB	✓	Conti, C.J.; et al., "Structural aspects of the System/360 Model 85: General organization", IBM Systems Journal, vol. 7, No. 1, pp. 2-14, 1968. (Partial. All available information provided.)	
PB	✓	IBM, "Reference manual for IBM 3830 Storage Control Model 1 and IBM 3330 Disk Storage", GA-26-1592-5, 6 th Ed., November 1976 ((c) 1971).	
PB	✓	MASSTOR, Shell Oil Proposal, December 18, 1978	
PB	✓	Nishimukai, T., et al. "Universal IO Device Controller by Using Programmable Logic Arrays (PLA)", Conference Record, 11 th Asilomar Conference on Circuits, Systems and Computers, November 1977, pp. 477-480.	

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Substitute for Form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known			
		Application Number	09/546,312		
		Filing Date	April 10, 2000		
		First Named Inventor	Robert Barry Wood		
		Group Art Unit	2186		
		Examiner Name	Bataille, Pierre Miche		
Sheet	4	of	4	Attorney Docket Number	99-089-TAP (STK 99089 PUS)
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
PB		✓ Porter, James N., "The Disk Drive Industry", IEEE Transaction on Magnetics, vol. MAG-14, No. 4, July 1978, pp. 149-153.			
PB		✓ Puthuff, Steven H., "Technical Innovations in Information Storage and Retrieval", IEEE Transactions on Magnetics, vol. MAG-14, No. 4, July 1978, pp. 143-148.			
PB		✓ Smith, Alan Jay, "Directions for Memory Hierarchies and Their Components: Research and Development", 1978 IEEE, PP. 704-709.			
PB		✓ Waddell, J.M., Way, D.L., "Channel Scheduling by a Control Unit", IBM Technical Disclosure Bulletin, vol. 17, No. 9, February 1975, pp. 2553-2556.			
PB		✓ Mass Storage Topics, BW000149-BW000226			
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

SYSTEM AND METHOD FOR VIRTUALTAPE VOLUMES

Application Number: 09/546312



Confirmation Number: 3419

First Named Applicant: Robert Wood

Attorney Docket Number:

Search string: (3130387 or 3292153 or 3699533 or 3806888
or 3909799 or 3928857 or 3936804 or 3949377
or 3949379 or 3976977 or 4021782 or 4035778
or 4040026 or 4054951 or 4077059 or 4080651
or 4080652 or 4084228 or 4084234 or 4086629
or 4091455 or 4096567 or 4110823 or 4123795
or 4126894 or 4158235 or 4189770 or 4215400
or 4228501 or 4241420 or 4246637 or 4276595
or 4298932 or 4310883 or 4318184 or 4327408
or 4412285 or 4414644 or 4467421 or
4533995).pn.


US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
PB	1	3130387	1964-04-21	Wright et al.			
PB	2	3292153	1966-12-13	Barton et al.			
PB	3	3699533	1972-10-17	Hunter			
PA	4	3806888	1974-04-23	Brickman et al.			
PA	5	3909799	1975-09-30	Recks et al.			
PA	6	3928857	1975-12-23	Carter et al.			
PB	7	3936804	1976-02-03	Bachman			
PB	8	3949377	1976-04-06	O'Neill, Jr.			
PA	9	3949379	1976-04-06	Ball			
PB	10	3976977	1976-08-24	Porter et al.			
PB	11	4021782	1977-05-03	Hoerning			
PB	12	4035778	1977-07-12	Ghanem			

PB	13	4040026	1977-08-02	Gernelle
PB	14	4054951	1977-10-18	Jackson et al.
PB	15	4077059	1978-02-28	Cordi et al.
PB	16	4080651	1978-03-21	Cronshaw et al.
PB	17	4080652	1978-03-21	Cronshaw et al.
PB	18	4084228	1978-04-11	Dufond et al.
PB	19	4084234	1978-04-11	Calle et al.
PB	20	4086629	1978-04-25	Desyllas et al.
PB	21	4091455	1978-05-23	Woods et al.
PB	22	4096567	1978-06-20	Millard et al.
PB	23	4110823	1978-08-29	Cronshaw et al.
PB	24	4123795	1978-10-31	Dean, Jr. et al.
PB	25	4126894	1978-11-21	Cronshaw et al.
PB	26	4158235	1979-06-12	Call et al.
PB	27	4189770	1980-02-19	Gannon et al.
PB	28	4215400	1980-07-29	Denko
PB	29	4228501	1980-10-14	Frissell
PB	30	4241420	1980-12-23	Fish et al.
PB	31	4246637	1981-01-20	Brown et al.
PB	32	4276595	1981-06-30	Brereton et al.
PB	33	4298932	1981-11-03	Sams
PB	34	4310883	1982-01-12	Clifton et al.
PB	35	4318184	1982-03-02	Millett et al.
PB	36	4327408	1982-04-27	Frissell et al.
PB	37	4412285	1983-10-25	Neches et al.
PB	38	4414644	1983-11-08	Tayler
PB	39	4467421	1984-08-21	White
PB	40	4533995	1985-08-06	Christian et al.

Signature

Examiner Name	Date
	8/4/04